

CLAIM AMENDMENTS:

1. (Previously presented) An organometallic complex of the formula



where M is selected from the group consisting of Cu, Ag and Au;

D_o is selected from the group consisting of ethers, phosphines, olefins, sulfides, pyridines, carbonyl, hydroxyl, cyclopentadiene, benzene derivatives, allyls, alkyls, amines, polyamines, aniline derivatives, cyclooctadiene and combinations thereof;

n is an integer having a value from 0 to 4;

k is an integer having a value from 1 to 4;

x is an integer having a value from 1 to 4; and

L is an amidinate ligand of the formula



where R¹, R² and R³ are selected from the group consisting of alkyls, allyls, heteroaryls, hydrogen, non-metals and metalloids excluding trimethylsilyl; and where R¹, R² and R³ are different or the same.

2. (Original) The organometallic complex of claim 1 wherein R¹ and R³ are the same and are selected from the group consisting of ^tBu and ⁱPr.

3. (Previously presented) An organometallic complex of the formula



where M is selected from the group consisting of Cu, Ag and Au;

where n and x are integers and n + x ≤ 7;

where L is an amidinate ligand of the formula



where R¹, R² and R³ are selected from the group consisting of alkyls, allyls, aryls, heteroaryls, hydrogen, non-metals and metalloids excluding trimethylsilyl; and where R¹, R² and R³ are different or the same.

4. (Original) The organometallic complex of claim 3 wherein R¹ and R³ are the same and are selected from the group consisting of ^tBu and ⁱPr.

Claims 5-50 (Cancelled)